SAMSUNG

LCD DISPLAY

quick start guide

460TMn

Introduction

Package Contents

Note

Please make sure the following items are included with your LCD Display.

If any items are missing, contact your dealer.

Contact a local dealer to buy optional items.

Unpacking

LCD Display

Manuals

Quick Setup Guide

Warranty Card

(Not available in all locations)

User's Guide

MagicInfo Software CD,
MagicInfo Manual CD

Others

Remote Control
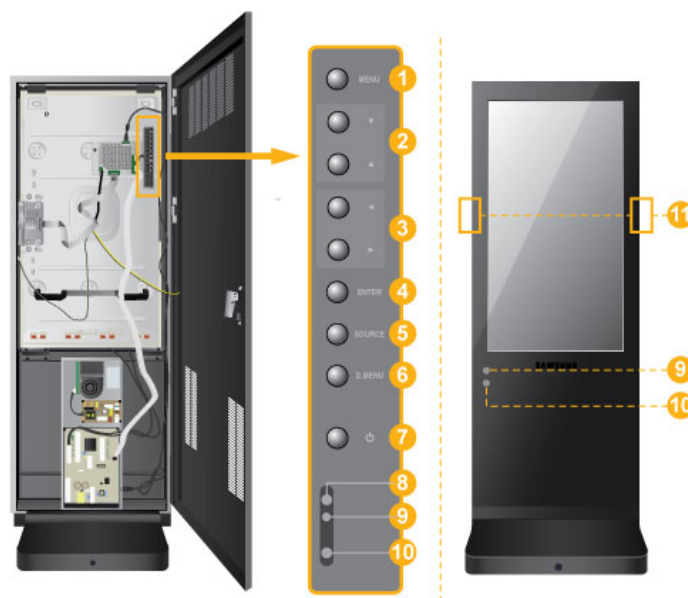

Batteries (AAA X 2)

GND Cable

Others

(Not available in all loca-
tions)

Your LCD Display

Front

● MENU button [MENU]

Opens the on-screen menu and exits from the menu. Also use to exit the OSD menu or return to the previous menu.

❷ Navigate buttons (Up-Down buttons)

Moves from one menu item to another vertically or adjusts selected menu values.

❸ Adjust buttons (Left-Right buttons) / Volume buttons

Moves from one menu item to another horizontally or adjusts selected menu values. When OSD is not on the screen, push the button to adjust volume.

❹ ENTER button [ENTER]

Activates a highlighted menu item.

❺ SOURCE button [SOURCE]

Switches from PC mode to Video mode. Changing the source is only allowed for external devices that are connected to the LCD Display at the time.

[HDMI] → [MagicInfo]

❻ D.MENU

Opens the on-screen D.MENU.

📝 **Note**

- This is available when a TV tuner box is installed.

📝 **Note**

- This function does not work for this LCD Display.

⑦ *Power button [⏻]*

Use this button for turning the LCD Display on and off.

⑧ *Brightness Sensor*

The product's Brightness Sensor function automatically detects the surrounding brightness using a brightness sensor and adjusts its brightness accordingly.

⑨ *Power indicator*

Shows PowerSaver mode by blinking green

📝 **Note**

See PowerSaver described in the manual for further information regarding power saving functions. For energy conservation, turn your LCD Display OFF when it is not needed or when leaving it unattended for long periods.

⑩ *Remote Control Sensor*

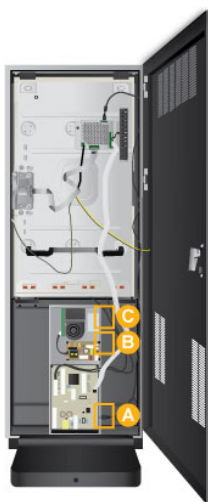Aim the remote control towards this spot on the LCD Display.
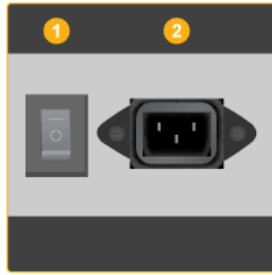
⑪ *Speaker*

Rear

📝 **Note**

For detailed information concerning cable connections, refer to Connecting Cables under Setup. The LCD Display 's configuration at the back may vary slightly depending on the LCD Display model.

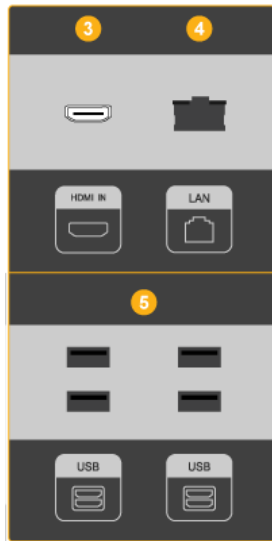
Ⓐ

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1 *POWER S/W ON [|] / OFF [O]*

Switches the LCD Display On/Off.

2 *POWER IN*

The power cord plugs into the LCD Display and the wall plug.

B

3 *HDMI IN*

Connect the HDMI terminal at the back of your LCD Display to the HDMI terminal of your digital output device using a HDMI cable.

Up to HDMI cable 1.0 can be supported.

4 *LAN (LAN Connection Terminal)*

5 *USB(USB Connection Terminal)*

Keyboard / Mouse, Mass Storage Device Compatible.
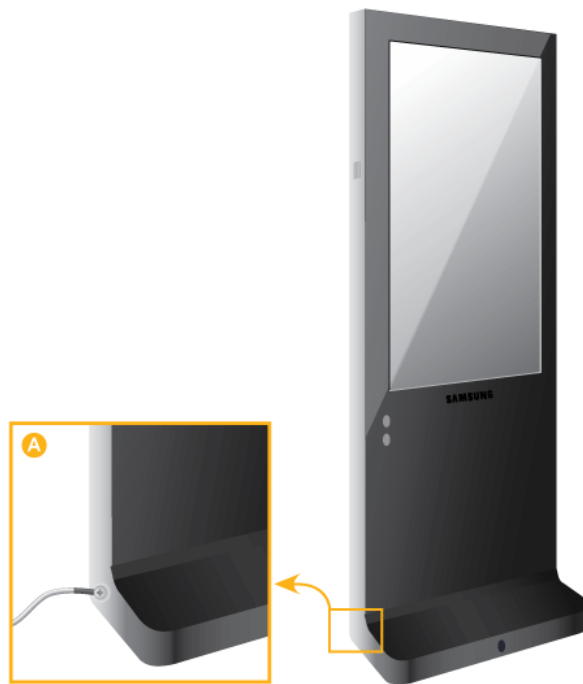
C

6 *AUDIO OUT*

Headphone/External speaker output terminal.

7 *RS232C IN (RS232C Serial PORT)*

Side

1. Connect the GND wires to the bottom part of both sides of the product and then to the back of the product as shown by figure (Ⓐ).

2. Connect the other side of the GND wires to the ground box when indoors or to the ground pole that has been pushed into the ground when outdoors.
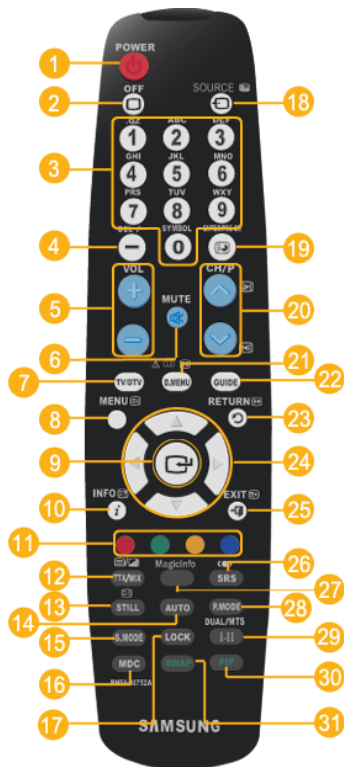
Note

The ground (GND) is used to prevent product noise and to protect people from electric shock due to electric leakage.

Remote Control

Note

The performance of the remote control may be affected by a TV or other electronic device operating near the LCD Display , causing a malfunction due to interference with the frequency.

1	⏻ POWER	
2	▭ OFF	
3	Number Buttons	
4	DEL ⊣/⊢ button	
5	+ VOL -	
6	◁× MUTE	
7	TV/DTV	
8	MENU	
9	⬒	
10	*i* INFO	
11	COLOR BUTTONS	
12	▤/▨ TTX/MIX	
13	STILL	
14	AUTO	
15	S.MODE	
16	MDC	
17	LOCK	
18	⊡ SOURCE	
19	▤⬤ ENTER/PRE-CH	
20	⌄ CH/P ⌃	
21	D.MENU	
22	GUIDE	
23	↺ RETURN	
24	Up-Down Left-Right buttons	
25	⇥▮ EXIT	
26	(⬤) SRS	
27	MagicInfo	
28	P.MODE	
29	� DUAL/MTS	
30	*PIP*	
31	*SWAP*	

1. ⏻ POWER	Turns the product On.
2. ▭ Off	Turns the product Off.
3. Number Buttons	Press to change the channel.
4. DEL ⊣/⊢ button	The "-" button operates only for DTV. It is used to select MMS (multi-channel) for a DTV.

5. + VOL -	Adjusts the audio volume.
6. MUTE	Pauses (mutes) the audio output temporarily. This is displayed on the lower left corner of the screen. The audio resumes if MUTE or - VOL + is pressed in the Mute mode.
7. TV/DTV	Selects the TV and DTV mode directly.
8. MENU	Opens the on-screen menu and exits from the menu or closes the adjustment menu.
9.	Activates a highlighted menu item.
10. *i* INFO	Current picture information is displayed on the upper left corner of the screen.
11.COLOR BUTTONS	Press to add or delete channels and to store channels to the favorite channel list in the "Channel List" menu.
12. TTX/MIX	TV channels provide written information services via teletext.
	- Teletext Buttons
	8, **10**, **13**, **18**, **19**, **20**, **21**, **23**, **25**,
	For more information > TTX / MIX
13.STILL	Press the button once to freeze the screen. Press it again to unfreeze.
14.AUTO	Adjusts the screen display automatically in **PC** mode. By changing the resolution in the control panel, auto function is performed.
15. S.MODE	When pressing this button, the current mode is displayed at the bottom centre of the screen. The LCD Display has a built-in high fidelity stereo amplifier. Then press the button again to circle through available preconfigured modes. (**Standard → Music → Movie → Speech → Custom**)
16.MDC	MDC Quick Launch Button.
17.LOCK	Activates or deactivates all function keys on both the remote control and the LCD Display except for the Power and LOCK buttons.
18. SOURCE	Press the button to change the input signal SOURCE.
	Changing the SOURCE is only allowed for external devices that are connected to the monitor at the time.
19. ENTER/PRE-CH	This button is used to return to the immediately previous channel.
20.CH/P	In **TV** mode, selects TV channels.
21.D.MENU	DTV menu display
22.GUIDE	Electronic Program Guide (EPG) display.

23. ↻ RETURN	Returns to the previous menu.
24. Up-Down Left-Right buttons	Moves from one menu item to another horizontally, vertically or adjusts selected menu values.
25. ⇥ EXIT	Exits from the menu screen.
26. (●) SRS	Selects SRS TruSurround XT mode.
27. MagicInfo	MagicInfo Quick Launch Button.
28. P.MODE	When you press this button, current picture mode is displayed on the lower center of the screen.

AV / HDMI / TV : P.MODE

The LCD Display has four automatic picture settings that are preset at the factory. Then push button again to circle through available preconfigured modes. (**Dynamic** → **Standard** → **Movie** → **Custom**)

PC / DVI / MagicInfo: M/B (MagicBright)

MagicBright is a feature providing the optimum viewing environment depending on the contents of the image you are watching. Then push button again to circle through available preconfigured modes. (**Entertain** → **Internet** → **Text** → **Custom**)

29. ᛁᛁ DUAL/MTS	*DUAL-* STEREO/MONO, DUAL Ⅰ / DUAL Ⅱ and MONO/NICAM MONO/NICAM STEREO can be operated depending on the broadcasting type by using the DUAL button on the remote control while watching TV. *MTS-* You can select MTS (Multichannel Television Stereo) mode.

	Audio Type	MTS/S_Mode	Default
FM Stereo	Mono	Mono	Manual Change
	Stereo	Mono ↔ Stereo	
	SAP	Mono ↔ SAP	Mono

30. *PIP*	Every time you press the button, a PIP screen appears. - This fuction does not work for this LCD Display.
31. *SWAP*	Swaps the contents of the PIP and main image. The image in the PIP window will appear on the main screen, and the main screen image will appear in the PIP window. - This fuction does not work for this LCD Display.

Troubleshooting

Self-Test Feature Check

 Note

Check the following items yourself before calling for assistance. Contact a Service Center for problems that you cannot solve by yourself.

Maintenance and Cleaning

1) Maintaining the LCD Display Case.

Clean with a soft cloth after disconnecting the power cord.

- Do not use benzene, thinner or other flammable substances, or a wet cloth.

2) Maintaining the Flat Panel Display Screen.

Clean with a soft cloth (cotton flannel) smoothly.

- Never use acetone, benzene or thinner.

  (They may cause flaws or deformation of the screen surface.)

- The user will be required to pay costs and related expenses for repairing damages caused.

Check List

 Note

- The following table lists possible problems and their solutions. Before calling for assistance, check the information in this section to see if you can remedy any problems for yourself. If you do need assistance, please call the phone number on the Information section or contact your dealer.

- For more network-related information, refer to the MagicInfo Troubleshooting section.

Problems related to the Screen

 Note

Problems related to the LCD Display screen and their solutions are listed.

Q: The screen is blank and the power indicator is off.

A: Ensure that the power cord is firmly connected and the LCD Display is on.

Q: The image is not clear; picture is blurred.

A: Run Frequency **Coarse** and **Fine** tuning.

A: Set the resolution and frequency to the recommended ranges.

Q: The image is too light or too dark.

A: Adjusts the **brightness** and **contrast**.

(Refer to the **Brightness**, **Contrast**)

Q: The screen color is inconsistent.

A: Adjust color using **Custom** under OSD Color Adjustment menu.

Q: The color image is distorted by dark shadows.

A: Adjust color using **Custom** under OSD Color Adjustment menu.

Q: The color white is poor.

A: Adjust color using **Custom** under OSD Color Adjustment menu.

Q: The power Indicator blinks green.

A: The LCD Display is currently saving the changes made to the settings to the OSD memory.

Q: The screen is blank and the power indicator light is steady green or blinks every 0.5 or 1 seconds.

A: Press a key on the keyboard.

Q: The screen is blank and it is blinking.

A: If you see the "**TEST GOOD**" message on the screen when you pressing the MENU button, check the cable connection between the LCD Display and the computer to ensure that the connector is properly connected.

Problems related to Audio

 Note

Problems related to audio signals and their solutions are listed below.

Q: No sound.

A: Ensure that the audio cable is firmly connected to both the audio-in port on your LCD Display and the audio-out port on your sound card.

A: Check the volume level.

Q: The sound level is too low.

A: Check the volume level.

A: If the volume is still too low after turning the control to its maximum, check the volume control on the computer sound card or software program.

Q: The sound is too high or too low.

A: Adjusts the **Treble** and **Bass** to the appropriate levels.

Problems related to the Remote Control

 Note

Problems related to the remote control and their solutions are listed.

Q: The remote control buttons do not respond.

A: Check the polarities (+/-) of the batteries.

A: Check if the batteries are empty.

A: Check if the power is on.

A: Check if the power cord is securely connected.

A: Check if a special fluorescent or neon lamp is on in the vicinity.

Q & A

Q: How can I change the frequency?

A: The frequency can be changed by reconfiguring the video card.

 Note

That video card support can vary, depending on the version of the driver used. (Refer to the computer or the video card manual for details.)

Q: How can I clean the outer case/LCD Panel?

A: Disconnect the power cord and then clean the LCD Display with a soft cloth, using either a cleaning solution or plain water.

Do not leave any detergent or scratches on the case. Do not let any water enter the LCD Display.

Q: How can I play the video?

A: The video supports the MPEG1 and WMV codecs only. Install the corresponding codec to play the video. Note that some of the codecs can be incompatible.

 Note

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